Subject: Science – Long Term Planner
Year: 9

HT	Fertile question	Concept(s)	Description	Formative assessments	Summative assessment	Links to GCSE & A Level requirements
Autumn 1	**Why am I a good scientist?**	Focus will be on scientific enquiry skills – predicting, measuring, analysing and evaluating an investigation	Students will complete a full scientific enquiry investigation based on developing key skills – 4 weeks (Rate of reaction - calcium carbonate and hydrochloric acid – students can pick their own variable to investigate) Practice SAT paper – mark in class and identify areas of weakness with PLC	Full Investigation to complete	Practice Sat paper near the end of term	Preparing students with investigative skills for GCSE success
Autumn 2	**Why am I ready for KS4?**		Intervention revision for 4 weeks based on PLC Sit SAT exam before Xmas – marked for set changes starting in Spring 1 term. **Final assessment as level for data collection plus use to reset students JAN 2016**	Tasks to complete on doddle relevant to focus areas of intervention	SAT paper Penultimate week of term	Foundations for enhancing knowledge and understanding of Science at KS4
Spring 1			C1 GCSE module (new Specification 2016)		Practice GCSE module test	
Spring 2			B1 GCSE module (new Specification 2016)		Practice GCSE module test	
Summer 1			P1 GCSE module (new Specification 2016)		Practice GCSE module test	
Summer 2			**Revision and test on B1, C1 and P1.** **PLC to identify areas of weakness and final setting for Year 10** **Data collection – GCSE grade**		GCSE paper on the B1, C1 and P1 modules	